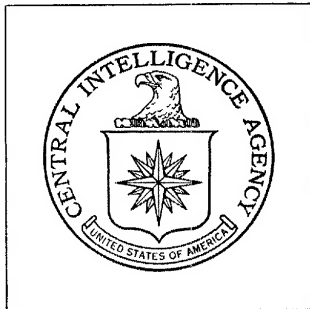


Top Secret



DIRECTORATE OF
INTELLIGENCE

Industrial Facilities
(Non-Military)

Basic Imagery Interpretation Brief

Lo-yang Thermal Power Plant

Lo-yang, China



25X1A

*Handle via Talent - Keyhole
Channels Only*

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DECLASS REVIEW by NIMA/DOD

WARNING

This document contains information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793, 794.

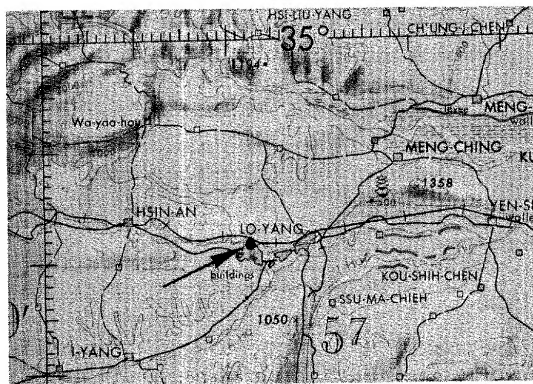
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GROUP 1
EXCLUDED FROM AUTOMATIC
DOWNGRADING AND
DECLASSIFICATION

INSTALLATION OR ACTIVITY NAME		COUNTRY	
Lo-yang Thermal Power Plant		CH 25X1A	
UTM COORDINATES	GEOGRAPHIC COORDINATES	COMIREX NO.	WAC-PIC No.
49SFJ272383	34-41-00N 112-22-50E	None	0385-17B
MAP REFERENCE			
ACIC. US Air Target Chart 200, Sheet 0385-8AL, 1st edition, April 60, Scale 1:200,000 (SECRET)			
LATEST IMAGERY USED		NEGATION DATE (If required)	
		Not required	

INTRODUCTION

The power plant is located in the northwestern portion of Lo-yang and adjoins the Lo-yang Tractor Plant No. 1. This plant is also the major source of steam and electricity for several other industries located in the immediate vicinity.



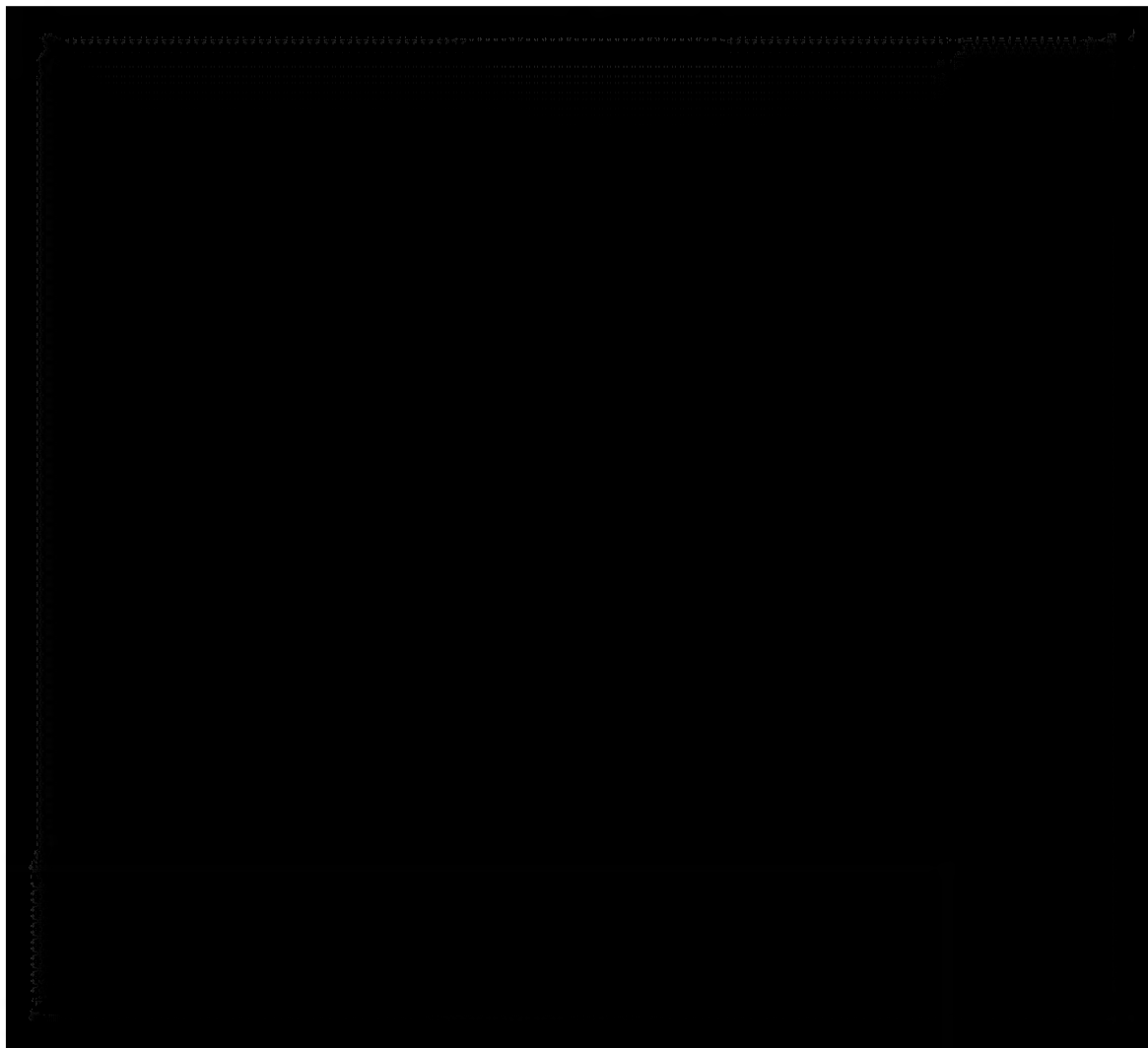
BASIC DESCRIPTION

The plant is located within an irregular walled area partially contiguous with the tractor plant. The spray ponds and pump house are separately secured. The power plant is coal fired and rail served.


The easternmost boiler section was built to accommodate four double boilers but only three have been installed. The western boiler section houses two double boilers. The generator hall contains at least five generators as indicated by five sets of power leads. There are four main and four auxiliary transformers within the switching yard. Sediments and waste water are pumped to nearby waste basins.

Smoke was observed being emitted from both smoke stacks, and at least five of the six spray ponds were operating along with the forced-draft cooling towers on all missions referenced.

IMAGERY ANALYSIS SERVICE



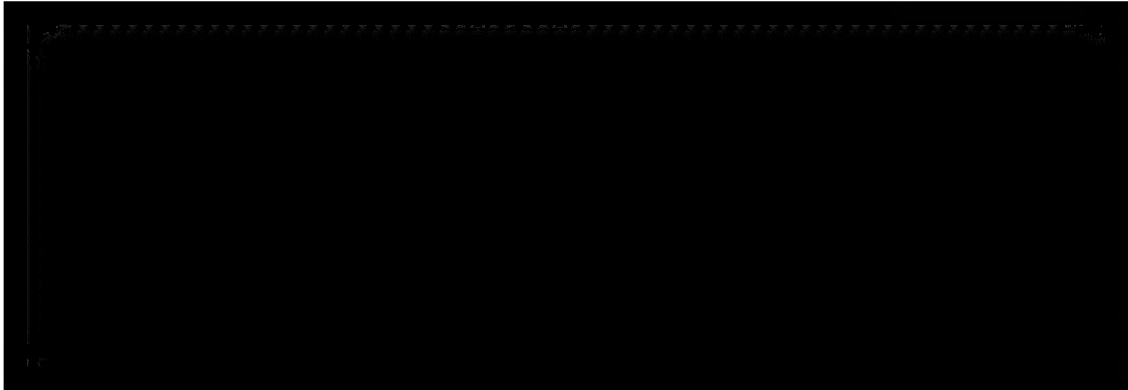
Key to Annotations

<u>Item No.</u>	<u>Description</u>	<u>Measurements (Ft)</u>	<u>Remarks</u>
1	Waste Basins (2)	-	-
2	Pump House and Dam	80 x 55	7 Intake Conduits
3	Spray Ponds (6)	210 x 160 (3) 310 x 160 (1) 285 x 160 (2)	5 Operating
4	Precipitators (2)		-
5	Coal Processing Building	-	-
6	Water Treatment Facility	Irregular	-
7	Boilerhouses (2)	255 x 90	3 Double Boilers 1 Not Installed 2 Double Boilers
8	Generator Hall	125 x 85	At least 5 generators
9	Forced-draft Cooling Towers (2)	625 x 100 280 x 50 100 x 50	22 and 8 Individual Fans
10	Control House	330 x 50	-
11	Switching Yard		4 Main Transformers 4 Auxiliary Transformers

25X1D

REFERENCES

25X1D



Maps

ACIC. USAF Operational Navigation Chart, Sheet G-9, 2nd edition, Nov 60,
Scale 1:1,000,000 (UNCLASSIFIED)

Documents

CIA/IAD. PIR 65145, Chinese Power Plants, Honan Province, June 1966,
TCS 3320/66 (TOP SECRET RUFF)

Requirement

EXSUBCOM - BR-N/002-69

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Approved For Release 2001/09/04 : CIA-RDP79T00909A000100010098-5



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